

# INTERNATIONAL SEARCH REPORT

International Application No

IB2004/003353

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01N3/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 216 448 B1 (SCHNAIBEL EBERHARD ET AL) 17 April 2001 (2001-04-17) column 3, line 21 - line 30; figure 1	1,5,6
P,A	EP 1 378 645 A2 (FORD GLOBAL TECHNOLOGIES, LLC) 7 January 2004 (2004-01-07) abstract; figures	1
A	US 6 499 294 B1 (KATOH KENJI ET AL) 31 December 2002 (2002-12-31) cited in the application column 9, line 26 - column 13, line 39; figures 1,2	1-6
P,A	US 2004/001781 A1 (KUMAR SANATH V ET AL) 1 January 2004 (2004-01-01) claim 1; figures	1-6
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

07/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GB 2 355 944 A (* TOYOTA JIDOSHA KABUSHIKI KAISHA) 9 May 2001 (2001-05-09) page 22, line 1 - line 19; figure 3 -----</p>	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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